STORING, BY A FIRST BASE STATION SERVICING A FIRST CELL OF A WIRELESS COMMUNICATION NETWORK, CELL SEARCH INFORMATION

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SENDING THE CELL SEARCH INFORMATION TO/TOWARDS AN APPARATUS, WHERE THE FIRST CELL IS A SERVING CELL FOR THE APPARATUS, WHERE THE CELL SEARCH INFORMATION ENABLES THE APPARATUS TO MEASURE AT LEAST ONE CELL-SPECIFIC REFERENCE SIGNAL FROM A SECOND BASE STATION THAT SERVICES A SECOND CELL OF THE WIRELESS COMMUNICATION NETWORK, DETERMINE IF THE MEASURED CELL-SPECIFIC REFERENCE SIGNAL INTERFERES WITH COMMUNICATION FOR THE APPARATUS, AND PERFORM INTERFERENCE CANCELLATION TO REDUCE AN EFFECT OF THE SECOND CELL ON THE COMMUNICATION

FIG. 11